

GHEORGHITA, Traian, ing.

Mobile slag chamber. St si Teh Buc 14 no.9:43 S '62.

1. Hunedoara Siderurgical Aggregate Works.

ARDELEANU, Dumitru, tehnician; GHEORGHITA, Traian, ing.; POPA, Nicolae, ing.;
PRIDVORNIC, Mihai, ing.

At the place of work. St si Teh Buc 15 no.3:27-29, 45 Mr '63.

1. The Arad Plant of Railroad Cars (for Ardeleanu).

GHEORGHITA, V.

On improvement of the amortization system of Rumanian basic funds.
Probleme econ 16 no.1:98-110 Ja '63.

Gheorghita-Oancea, C.

ROMANIA/Physical Chemistry - Molecule, Chemical Bond.

B-4

Abs Jour: Referat. Zurnal Khimiya, No 2, 1958, 3569.

Author : St. Vencov, D. Birca-Galateanu, C. Gheorghita-Oancea.

Inst : Academy of Sciences of Rumania.

Title : Infrared and Ultraviolet Spectra of Some Vegetable Oils.

Orig Pub: Bul. stiint. Acad. R.P.R. Sec. mat. si fiz., 1956, 8, No 2, 391-404.

Abstract: The infrared and the ultraviolet absorption spectra of ricinus oil (I), sunflower oil (II) and linseed oil (III) in natural state were studied. Only an intensity difference of separate bands was observed in the I to III spectra. The bands 3.5 and 3.42μ were referred to the valence vibrations of the CH_2 group, 3.32μ was referred to the harmonic of the CH_2 deformation vibration, 1.9μ was $(\text{C}=\text{C})$ 3ν , 1.72 and 1.75μ were the symm. and asymm. (CH_2) 2ν , 1.4μ was $(\text{C}=\text{C})$ 3ν . The overtone of $(\text{OH})\nu$ was superimposed on the last band in the I spectrum. The bands 5.87μ of $(\text{C}=\text{O})\nu$ and 8.1 and 8.6μ of $(\text{C}-\text{O})\nu$ were noted in the range from 3.7 to 14μ .

Card : 1/2

-34-

Gheorghita-Cancea, CANDIDA

Effect of an electric field on the Raman spectrum of nitrobenzene. Candida Gheorghita-Cancea. *Rev. phys. Acad. rep. populare Romania* 4, 69-74 (1959) (in French).— The classical scattering and Raman spectra of PhNO_2 are more intense in the presence of a continuous elec. field of 20,000 v./cm. than in the absence of the field. The bands at 1840 cm^{-1} and 1687 cm^{-1} characteristic of the NO_2 group and the aromatic nucleus of the mol., resp., as well as the band at 20,342 cm^{-1} (4010 Å.) show a particularly marked variation in intensity. In addn., the band at 1107 cm^{-1} characteristic of the bond between the C in the nucleus and the N in the NO_2 group is slightly displaced towards the red. It is suggested that, under the influence of the elec. field, a displacement of electrons occurs in the mol.; this increases the double bond character of a N—O bond in the NO_2 group. This displacement results in a more pronounced conjugation of the NO_2 group with the aromatic nucleus and, consequently, in an increase in the polarizability and anisotropy of the mol. (Harrand, C.A. 48, 9100). The slight change in the position of the 1107- cm^{-1} band indicates that the electronic displacement also causes a small change in the C—N interat. distance. S. A. Stec-

Card 1/1

ahf

2
4E3.8
4E3.2
1.72(NB)

1' 1' 6
 V The photoconductivity of thin layers of anthracene.
 C. Ochoy and Gh. Teodorescu (Polytech.
 Univ. Bucharest, Romania). *Comun. acad. rep. populare*
Romina 6, 429-32 (1959); cf. Chynoweth and Schneider,
C.A. 48, 11011a. — The photocond. of thin layers of anthra-
 cene deposited by sublimation in a vacuum increases with
 layer thickness, probably because of increasing absorption
 of photons. The photocurrent reaches a max. after 1-2
 min. of illumination with a Hg-vapor lamp, and its intensity
 increases with that of the light source. The phenomenon of
 photocond. is explained as follows: mols. of anthracene are
 excited by photons; this permits π electrons to move along
 the systems of conjugated double bonds. The transfer of
 electrons between mols. produces the photocurrent.
 S. Alexander Stern

27.9. (WB)
 423 d

GHEORGHITA-CANCEA, C.

Distr: 4E3d

The absorption and fluorescence of thin layers of anthra-

cene. I. A. Ashblom and C. Gheorghita-Cancea (Polytech. Inst., Bucharest, Romania). *Comm. Acad. Rep. Populare RSR* 9, 848-9 (1960).—Layers of anthracene 3000-20,000 Å thick were deposited by sublimation in vacuo. Their absorption spectra in the ultraviolet range were characterized by the successive appearance of bands at 3420, 3620, and 3840 Å as the layer thickness decreased. The values of the absorption peaks corresponding to the band min. were found to decrease with layer thickness, which suggests a simple method of determining this thickness. The fluorescence spectra did not exhibit marked differences in intensity with layer thickness; this indicates that the surface of the layers remained, within certain limits, unchanged. S. A. Stern.

GHEORGHITA-DANCEA, C., conf.

Aspects of organic semiconductors. Automatica electronica 8
no.3:114-120 My-Je'64

GHEORGHIU, Adrian, conf. univ. (Bucuresti)

Affinity and perspectivity in the conical and parallel perspective.
Gaz mat fiz 14 no.10:510-518 0 '62.

GRUZNICZKI, F., fiz.; GHEORGHIU, A., fiz.

Gas thermometer, a basic gauge for transmission of the
temperature unit. Metrologia apl 11 no. 1: 19-23 Ja '64.

DINISCHIOTU, G.T.; CRACIUN, E.G.; SINCHEA, A.; DIMITRIU, Mihaela; GHEORGHIEU, A.

Experimental studies of the local and general effects of SG-2
administered through the respiratory tract. I. Lesions and histo-
chemical reactions. Stud. cercet. med. intern. 3 no.2:249-264 '62.

(RESPIRATORY SYSTEM pharmacology)

(SULFUR toxicology)

(BRONCHITIS experimental)

(RESPIRATORY TRACT INFECTIONS etiology)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515010018-0



APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515010018-0"

CHIRONI, A.

CHIRONI, A. The significance of conjugate systems and their utilization in the calculation of structures. p. 787. Vol. 6, no. 6, June 1956. COSEMICARTIL. Bucuresti, Rumania.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

Country : Rumania E-1
 Category : Analytical Chemistry - General
 Abs. Jour. : Ref Zhur-Khizya, No 6, 1959 19047
 Author : Herman, G.; Gheorghiu, A.; Ionescu-Matiu, E.
 Institut. : Rumanian Academy
 Title : Study of "Rubisorghuidine" in Comparison with
 Conventional Titrimetric Indicators.
 Orig. Pub. : Commun. Acad. RPR, 1958, 5, No 4, 371-374

Abstract : It was found that the ruby-red anthocyanidin contained in the scales of the fruit of sorghum, which the authors designate as "rubisorghuidine" (I), is suitable for use as an indicator in acidimetric and alkalimetric titrations. I was isolated by extraction with methanol in a Soxhlet apparatus; final purification of I from admixtures was effected by chromatography in a CaCO_3 column. I is a powder, MP $171-172^\circ$, odorless and tasteless, readily soluble in CH_3OH , $\text{C}_2\text{H}_5\text{OH}$, amyl-, butyl-, and isopropyl alcohol, ethyl acetate, acetone, glycerol, diethylene glycol, and practically insoluble in water, benzene, CHCl_3 , ethyl- and petroleum ether, CCl_4 , CS_2 , and hexane. In the interval of
 Card: 1/2

Country : Rumania E-1
 Category : Analytical Chemistry - General
 Ref. Jour. : Ref Zhur-Khimiya, No 6, 1959 19047
 Author :
 Institut. :
 Title :
 Orig. Pub. :

Abstract : pH 5.4-7.1 the yellow-orange color of I changes to violet. On titration of strong acids and strong bases (0.1-0.01 N) in the presence of 1% solution of I in 90% C₂H₅OH the color change is sharper than in the case of conventional indicators; however, I is not suitable in the titration of weak acids and bases. -- B. Manole.

Card: 2/2

E-2

RUMANIA / Farm Animals. Cattle

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7390

Author : Cadantu, L.; Gheorghiu, A.; Ionescu, L.

Inst : Not given

Title : An Experiment Establishing the Influence of Carrots on the Milk Production of Cows

Orig Pub : Probl. zootehn. si veterin., 1958, No 2, 29-31

Abstract : In the daily ration of the control group cows the content of carotene amounted to 232 mg and of the experimental group which received 10 kg of carrots it amounted to 962 mg. Observations which lasted for 24 days showed that the average daily milk yield of the control group cows amounted to 10.9 kg and of the experimental group to 10.6 kg each; eva-

Card 1/2

RIMNICEANU, R.; GIDEORGHIU, Al.; GEORGESCU, St.

Ovarian function in ulcerous disease. Med. int. Bucur. 10 no.1:101-106
Jan 58.

(PEPTIC ULCER, physiology
ovarian funct.)
(OVARIES, physiology
in peptic ulcer)

ROMANIA / Plant Physiology. Respiration and Metabolism.

I-2

Abs Jour : Ref Zhur - Bi 1., No 10, 1958, No 43701

Author : Herran, G.; Gheorghiu, Aurel

Inst : Rumanian Academy

Title : The Isolation and Study of Anthocyanins from the Fruiting
Glumes of Sorghum Saccharatum Pers.

Orig Pub : Commun. Acad. RPR, 1956, 6, No. 11, 1305-1311.

Abstract : Two anthocyanins were separated from the fruiting glumes of S.
saccharatum: a blood-red one (a yield of 1.33g.%),
called sanguisorghidine, and a ruby-red one (yielding
1.40 g. %) called rubisorghidine. The physico-chemical
properties of the anthocyanins are described.

Card 1/1

G. H. E. R. CHIN, A. M

Country : Rumania

Category : CULTIVATED PLANTS MEDICINAL. Essential Oils. Toxins.

Abs. Jour. : REF ZHUR-BIOL., 21, 1958, NO-96184

Author : Harman; *Gheorghiu, A.*; Ionescu-Matiu; Baloesou; Avram

Institut. : Communist Academy RPR

Title : Pharmacognostic Study of *Thysanum transsilvanicum*, Schur.

Orig. Pub. : Comun. Acad. RPR, 1957, 7, No. 3, 355-367

Abstract : One presents the synovisms of *Thysanum transsilvanicum* (I), morphological description of the characteristics of the organs, data on microscopic examination of the fluff gotten from flowers, leaves and stems, and 11 drawings of the plant, its parts, with cross sections of stem and leaves, flower, leaf and stem down. Experimentation in the biological action of I on an isolated frog heart in a perfusion of Ringer's solution was made. A 5% infusion from the stems, leaves or flowers, as well

Card: 1/2

GHEORGHIU, A.; BERMAN, GH.; IONESCU-MATIU, S.

Study of rubisourchidins in relation to some in facton. currently applied
in 'titrimetry'. p. 371.

Academia Republicii Populare Romina. COMUNICARILE. Bucuresti, Romania.
Vol. 8, no. 4, Apr. 1958.

Monthly List of East European Accessions (EEAI) LG, Vol. 8, no. 7, July 1959.

Uncl.

GHEORGHIU, Alexandru

Conjugated systems as a means of expressing the condition of compatibility in the computation of structures. Studii cerc mecatronica no.6:1459-1480 '60.

1. Institutul de constructii, Bucuresti

THEORGHIE, A.

Closing problems on the second degree ruled surfaces. Pt.1.
Bul scient polit Cluj 6:9-24 '63.

1. "Ion Mincu" Institute of Architecture, Bucharest.

GA 1481, E. conf., candidate in science technique, 1981, 1481, 1481.

Metallic complexes as a source of metal ions in 2. Gel permeation
11 no. 11/121400-105 N. 10/104.

GREX ROSET, A.

Criteria of anthropological establishments; application of Michurin's and Pavlov's concepts to anthropology. p. 41. *TRIMESTRE DE ANTHROPOLOGIE*. (Academia Republicii Populare Romane) Bucuresti. Vol. 1, 1954.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 4, no. 12, December 1954

GHEORGHIU, A., AND OTHERS.

Preliminary report on reasearch on human paleontology in Bala de Fier in the district of Craiova in 1951. p. 73. PROBLEME DE ANTROPOLOGIE. (Academia Republicii Populare Romine) Bucuresti. Vol. 1, 1954.

SOURCE: East European Accessions List, (EEA), Library of Congress, Vol. 4, no. 12, December 1956

CHECRSHIU, A.

Preliminary studies on the evolution of human longevity in Rumania. p. 97.
PROBLEME DE ANTHROPOLOGIE. (Academia Republicii Populare Romine) Bucuresti.
Vol. 1, 1954

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol.
4, no. 12, December 1955

RESEARCH, 1.

Research on the determination of age and sex of human skeletons. p. 127.
PROBLEME DE ANTRICIA IE. (Academia Republicii Populare Romane) Bucuresti.
Vol. 1, 1954

SOURCE: East European Accessions List, (EEL), Library of Congress, vol.
4, no. 12, December 1955

GHEORGHIU, Al., candidat in stiinta economice

A rich balance of achievements in the national economy development.
Probleme econ 16 no.10:137-141 0 '63.

GHEORGHIU, Al.

The Resita Plant during the years of socialist construction.
Probleme econ 17 no.1:136-141 Ja '64.

HERLING, G. (Bucharest); BANISTE, Constantin; (Bucarest); Trefar (Slatina);
 Pirau, Liviu (Bucharest); LILIANA, 21; IONUTU-CIU, 1.; IONUTU,
 Florica M. (Bucharest); GILBERT, AL. (Bucarest); ZIL, George
 (Bucharest); SANDULACHE, C., prof. (Bucharest, East); ECKTON, ...
 SCHIFFE, Gabriela (Clujburg); TEODOROSCU, I. prof. (Cluj);
 SIGALOVA, I. (Petroșani); ACU, Dumitru (Cluj); GRICH, Iftimie
 (Bucharest); PAUK, K., stud. (Clujburg); MAFARICU, Adrian
 (Bucharest); PUPITREASA, I., prof. (Cluj); FICUSCU, Cornelia
 (Clujburg); IONUTU, Y. (Bucharest); RABEY, George, Dr. C.
 (Clujburg); CIREA, M. (Clujburg); POCHIN, Dr. M. (Bucharest);
 Gerb, Ion (Iapet)

Proposed problems. Gaz mat F to no.4:172-175. An '66.

GHEORGHIU, C.

Formazans. III. Determination of the germinative power of seed with the help of tetrazole salts. p. 131.

Vol. 2, No. 3/4, July/Dec. 1954, Bucuresti, Rumania.

SO: East European Accessions List, Lib. of Cong., Vol. 5, No. 10, Oct. 1956.

RUMANIA / Microbiology. microorganisms Pathogenic to Humans and Animals. F-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90951

Author : Gheorghiu, Corina; Grigoriu, Soceanu; Petrovachi
Inst : The Pasteur Institute of Sera and Vaccines, Bucharest
Title : Comparative Assessment of Flocculation and Titration
Reactions of Antitetanus Sera in Mice. I. Significance
of Flocculation Reaction as a Method of Titrating Tetanus
Toxoid Prepared by Various Formulas and Its Relation to
Immunogenicity of Toxoid in Guinea Pigs

Orig Pub : Anuarul Inst. seruri si vaccin. Pasteur Bucuresti, 1957,
2, 181-183 (Rum.; res. Russ., Fr., Ger.)

Abstract : No abstract given

Card 1/1

ILIESCU, C.G., prof.; ROMAN, L., dr.; ILIESCU, M., dr.; IACOBINI, P., dr.;
NITU, S.; CONSTINTINESCU, S.; CONSTANTINESCU, A.; GHEORGHIU, C.

The action of unsaturated fatty acids on blood lipids in
arteriosclerosis. Med. intern. 14 no.12:1433-1442 D '62.

1. Lucrare efectuata la ASCAR, Bucuresti.
(BLOOD LIPIDS) (ARTERIOSCLEROSIS) (FATTY ACIDS)
(BLOOD CHOLESTEROL)

GHEORGHIU, C., and others.

Thiureas derived from sulfamides (VI) and aromatic amino acids (III), and their action upon the Koch bacillus. p.297.

STUDII SI CERETARI STINTIPICE. SHINE. Iasi, Rumania
Vol.8, no.2, 1957

Monthly List of East European Accession (EEAI) LC, Vol. 8, no.9, 1957

Uncl.

GHEORGHIU, C.

A study of the A. Vlaicu II airplane in comparison with its contemporary airplanes.

Academia Republicii Populare Romine. Institutul de Mecanica Aplicata.
STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti, Rumania. Vol. 8,
no. 4, 1957.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

GHEORGHIU, C., ing.

Modern aerial transportation by turbopropelled planes. Rev
transport 9 no.7:295-300 J1 '62.

SPACU, P.; GHEORGHIU, Constanta; PARALESCU, I.

Determination of molybdenum in the presence of tungsten. Studii
cerc chimie 10 no.2:157-162 '62.

1. Catedra de chimie anorganica, Facultatea de chimie, Universitatea
din Bucuresti. 2. Membru al Comitetului de redactie, "Studii si
cercetari de chimie" (for Spacu).

ACCESSION NR: AP4015841

R/0017/63/000/006/0385/0387

AUTHOR: Marcu, P. (Engineer); Gheorghiu, C. (Engineer)

TITLE: Aluminum alloy for pressure casting of parts

SOURCE: Metalurgia, no. 6, 1963, 385-387

TOPIC TAGS: aluminum alloy, pressure casting

ABSTRACT: An aluminum alloy containing 7-9% Si, 9-11% Zn, 0.3-0.45 Cu, 0.4-0.6% Mg, and 0.2-0.3 Mn can be pressure cast between 580-600C. Finished parts are not porous and do not require thermal treatment. However, they can be used only up to 150C, and are susceptible to corrosion. The molten alloy shows good fluidity and a small capacity of absorbing gasses. The furnace is degassed every 30 minutes, at 740C, by means of hexachloroethane. Pressure casting experiments were performed on a Polak machine type CLP-220.55.8. The alloy is currently used by the Ducharest Factory for Electric Machinery. Variation of mechanical properties is shown in Fig. 1 and Tables 1, 2, and 3

Card 1/62

ACCESSION NR: AP4015841

Orig. art. has: 2 figures and 3 tables.

ASSOCIATION: Institutul de Cherceteri Metalurgice (Institute for Metallurgical Research)

SUBMITTED: 00

DATE ACQ: 100ot63

ENCL: 04

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/62

GHEORGHIU, C., ing.

Founders of the Rumanian wings. Et st Teh Buc 16 no. 3:
20-21 Mr '64.

GABRIEL, G., Jr., ing.; 1964, p. 100; 1965, p. 100.

Study of the influence of the geometry of the arm and elements
on the behavior of the arm and elements. The arm and elements
10 m. 1964-1965.

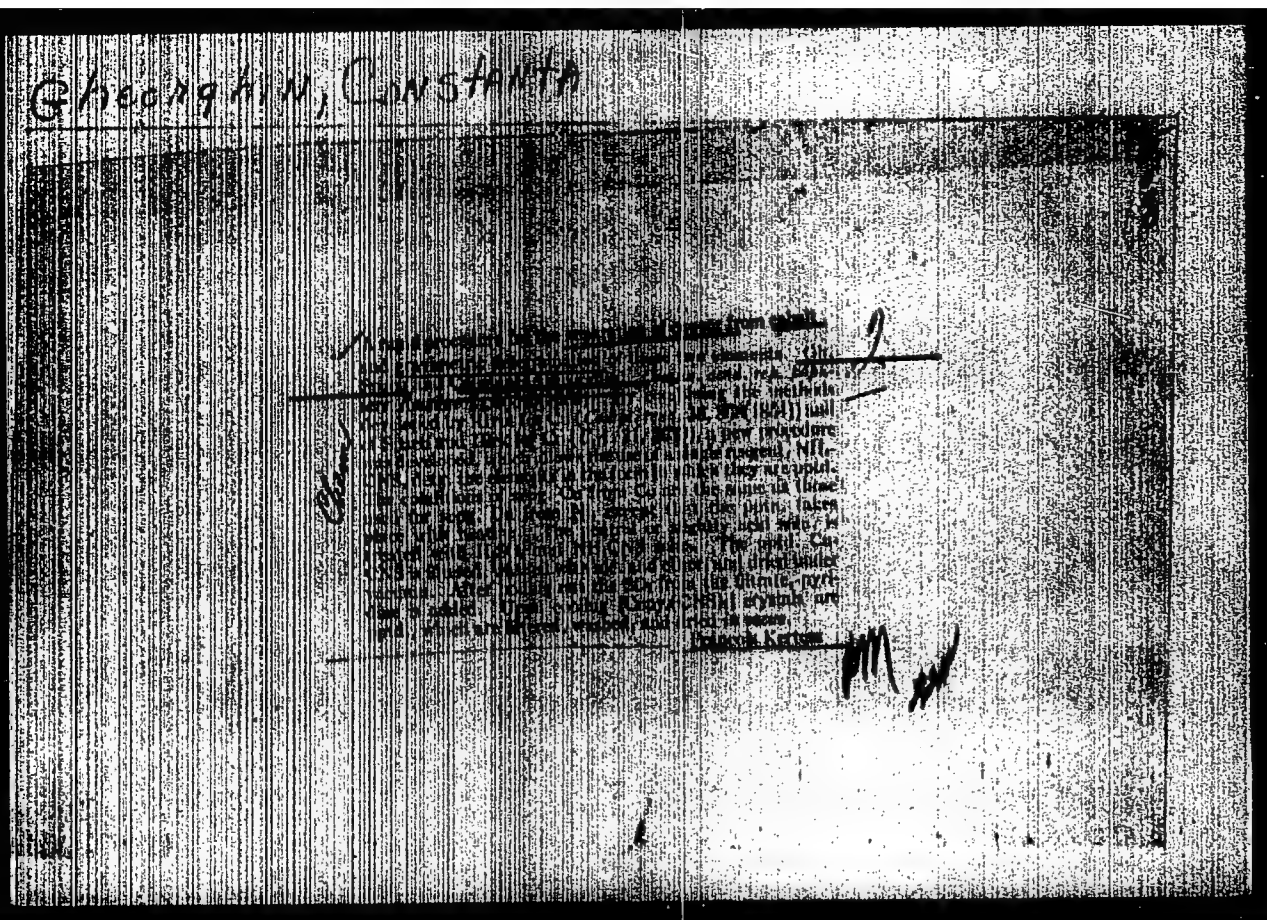
SECRET, 2, 1971 (document)

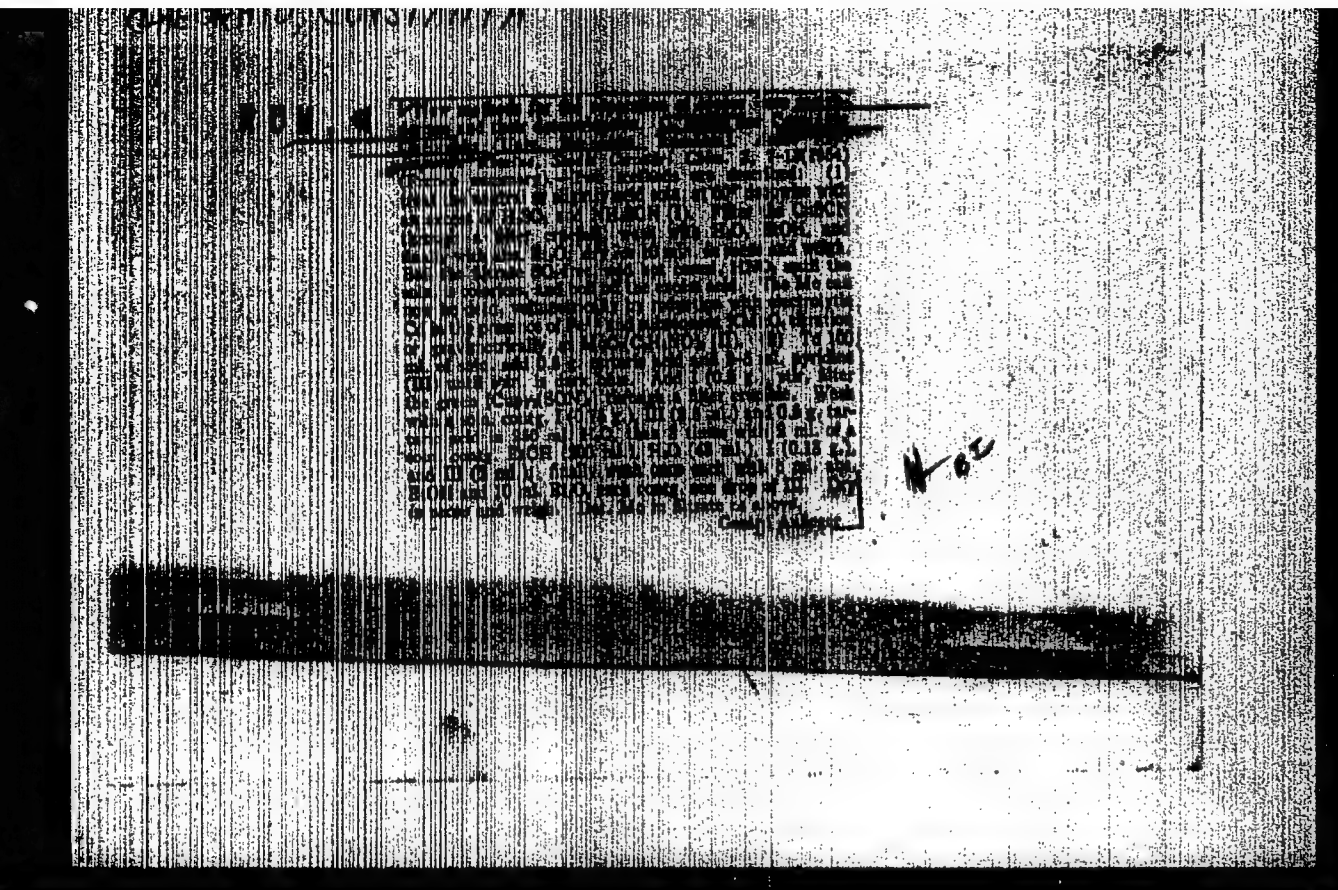
After receipt of a report of a person, known to be
16 in, 1971-72, 1973-74.

Griffith, J. H., 1964, p. 1.

1964, p. 1.

Griffith, J. H., 1964, p. 1; Griffith, J. H., 1964, p. 1; Griffith, J. H., 1964, p. 1; Griffith, J. H., 1964, p. 1.





GHEORGHIU, C.

*Accomplishment of the plan of standardisation for 1953 by the General Direction of Metal Goods for Mass Consumption. p. 19. (PETROL SI GAZE, Vol. 6, no. 1/2, Jan/Feb 1954. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC.
Vol. 4, No. 5, May 1955, Uncl.

Gheorghe, Constant

4890

2
A new method for the separation and determination of
Copper and Cobalt. (C. Gheorghe and Constant Gheorghe)
The method is based on the separation and determination of Cu

as Cu²⁺ (S. N. G. J. 11, 1941), the following was
found. The sample is dissolved in 2 ml. conc. HCl, 470
mg. of Cu²⁺ and 100 mg. of cobalt are added to the soln.,
containing the Cu²⁺ and Co²⁺ ions. 0.5 g. of tartaric acid and
0.5 g. of NaClO₂ are added. Several drops of pyridine is
added to the soln. until a light white cloud appears. The
soln. is then filtered and 1-2 ml. of pyridine is added.
After cooling, the ppt. is filtered through a sintered-glass
crucible and washed with a soln. containing 7 ml. pyridine, 5 g.
NaClO₂, and 1 g. tartaric acid in 1 l. of water. The ppt.
is further washed on the crucible with an alk. soln. containing
150 ml. 10% NaOH, 500 ml. dist. water, 16 ml. pyridine,
and 1 g. NaClO₂, then with 1 ml. alk. soln. containing pyridine
(15 ml. alk. soln. and 5 drops of pyridine). Finally the ppt. is
washed 5-10 times with alk. soln. in which pyridine is
added (20 ml. alk. soln. and 5 drops of pyridine). The ppt. is
dried in a vacuum for 3-10 min. and weighed as Cu₂O
(Cu₂O). For the determination of Mo, the filtrate is evapd. to 20
ml., neutralized with NaOH in the presence of Na acetate,
and 10 ml. of 1% NH₄OH is added. The soln. is
allowed to cool and Mo is pptd. as MoO₃(C₂H₅NO₂) with
10 ml. of 10% (C₂H₅NO₂) in 1 N AcOH. The ppt. is filtered
through a sintered-glass crucible, washed with hot water,
and dried for 2 hrs. at 110°.

PM

CHEORGHIV, C.

New gravimetric method for quantitative analysis of
molybdenum. p. 853.
ACADEMIA REPUBLICII POPULARE ROMANE
Rumania. Vol. 5, no. 5, May 1955.

SOURCES: FEAL LC Vol. 5, No. 11, August 1956

GHEORGHIU, CONSTANTIN

RUMANIA/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19595

Author : Gh. Spacu, Constanta Gheorghiu

Inst : C. J. Parhon University

Title : New Method of Separating Cobalt from Tungsten

Orig Pub: An, Univ. "C. J. Parhon". Ser. Stiint. Natur.,
1956, No 10, 51 - 53.

Abstract: Co is precipitated as $CoPy_4(SCN)_2$ from a tartrate containing solution; W is precipitated from the filtrate with cinchonine. The error is some tenths of a milligram. The determination duration is 30 min.

Card 1/1

- 71 -

GELOMBEL, C.; SIACH, P.

Contribution to the study of thio compounds, complex thiovanadates. p. 619.

Academia Republicii Populare Romane. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Romania. Vol. 6, no. 4, 1958.

Monthly List of East European Accessions (IEEA) Vol. 4, no. 7, July 1959.

Uncl.

GHILOUGHIN, C.; SIACI, I.; ANTONESCU, E.

On the quantitative determination of Largactil. p. 573.

Academia Republicii Populare Romine. STUDII SI LUCRARI DE CHIMIE. Bucuresti, Romania. Vol. , no. 4, 1958.

Monthly List of East European Accessions (ELAE) Vol. , no. 7, July 1958.

Uncl.

GHEORGHIU, C.; SPACU, T.; ALBESCU, I.

On the quantitative determination of Pentosol. p. 565.

Academia Republicii Romane. STUDII DE CHIMIE SI FIZICA. Partea 1,
Romania. Vol. 6, no. 2, 1968.

Monthly List of East European Accessions (MLA) Vol. 1, no. 7, July 1969.

Uncl.

COUNTRY : America
 CATEGORY :
 RES. JOUR. : ANALYST, No. 1 1953, No. 74100
 AUTHOR : S. G. L. and H. G. L.
 TITLE : Study of Acceptor of Solvent
 TITLE : Complexes to the Study of This Compounds.
 TITLE : Complex Thiovanadates.
 INT. PUB. : Journal of Chemical and Phys. 1953, 19-
 (1953)
 ABSTRACT : It has been established that (NH₄)₂VO₄ is a
 complex soluble in liquid NH₃ with the formation
 of a complex at low temperatures. In this complex
 the type of the (NH₄)₂VO₄ has been
 prepared, where X = Cl, Br, I, and OH, and Ir(NH₄)₂
 -18. Freshly prepared aqueous solution of
 (NH₄)₂VO₄ change their color with the addition of
 1-2 ml of 10% solution of NH₃ to give the equilibrium

$$(NH_4)_2VO_4 + 2NH_3 \rightleftharpoons HVO_4^{2-} + 2NH_4^+$$

 is assumed to operate. The existence of HVO₄²⁻
 has been proved.
 from authors' summary

Card: 111

GHEORGHIU, C.

On the origin of some metallic sulfurs in the crystallin schists of Rumania.
p. 145.

ANALELE SERIA STINTELOR NATURII. Bucuresti, Rumania. Vol. 7, no. 18, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 9, Sept. 1959.
Uncl.

GHEORGHIU, C.

Geologic researches in Valea Cernei between Mehadia to the north and Toplet to the south. p. 145.

ANALELE SERIA STINTELOR NATURII. Bucaresti, Rumania. Vol. 7, no. 18, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 9, Sept., 1959

Uncl.

RUMANIA/Inorganic Chemistry - Complex Compounds.

C

Abs Jour : Ref Zhur Khimiya, No 19, 1959, 67503

Author : Spacu, Petru; Gheorghiu, Constanta; Brezeanu, Marieta;
Popescu, Sanda

Inst : C.I. Parhon University

Title : New Syntheses of Complex Compounds of Trivalent Cobalt
Using Hydrogen Peroxide as the Oxidizing Agent.

Orig Pub : An Univ. "C.I. Parhon". Ser. stint. natur., 1958, No 19,
No 43-53.

Abstract : Using H_2O_2 as the oxidizing agent, $[Co(NH_3)_6] X_3$.
where $X = Cl, I, NO_3$; $[CoEn_3] Cl_3 \cdot 3H_2O$; $[CoFn_3] Y_3 \cdot$
 $3H_2O$, where $Y = Cl, I$; $Co[(NH_3)_4CO_3] \cdot z$ where

Card 1/2

- 48 -

SPACU, P.; ANTONESCU, E.; GHEORGHIU, C.

On the determination of largactil. Rev chimie 4 no.2:243-252 '59.
(EEAI 9:7)

(Chlorodimethylaminopropylthiazine)
(Complex compounds)

SPACU, Petre[Spacu, Petru]; GHEORGHIU, Constanta; ALBESCU, Ileana

New syntheses in the chemistry of complex compounds. III and IV.
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SOURCE CODE: RU/0024/65/000/006/0038/0041

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ORG: none

TITLE: Mineral water sources in the Socialist Republic of Rumania

SOURCE: Natura. Seria geografie-geologie, no. 6, 1965, 38-41

TOPIC TAGS: surface water, underground water, map, geochemistry

ABSTRACT: The authors detail the location of the principal sources of mineral waters in Rumania. Both the text and the accompanying map consider separately the following types of waters: alkaline, arsenious, carbo-gaseous, ferrogenous, iodinated, oligomineral (cold or hot), radioactive, salty, sulphated, and sulfurous. Orig. art. has: 1 figure. [JPRS: 34,672]

SUB CODE: 08 / SUBM DATE: none / ORIG REF: 009

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